



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Western Plant Breeders, Inc.

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED NOVEL VARIETY OF SEXUALLY REPRODUCED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF *eighteen* YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, IMPORTING IT, OR EXPORTING IT, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. UNITED STATES SEED OF THIS VARIETY (1) SHALL BE SOLD BY VARIETY NAME ONLY AS CERTIFIED SEED AND (2) SHALL CONFORM TO THE NUMBER OF GENERATIONS OF THE OWNER OF THE RIGHTS. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

WHEAT

'WestBred 906R'

In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington this 19th day of November in the year of our Lord one thousand nine hundred and eighty-one.

Attest:

Edward K. Lane
Commissioner
Plant Variety Protection Office
Grain Division
Agricultural Marketing Service

John R. Block
Secretary of Agriculture



APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

INSTRUCTIONS: See Reverse.

1a. TEMPORARY DESIGNATION OF VARIETY 906R		1b. VARIETY NAME WestBred 906R		FOR OFFICIAL USE ONLY	
				PV NUMBER 8000678	
2. KIND NAME Wheat		3. GENUS AND SPECIES NAME Triticum Aestivum		FILING DATE 3/21/80	TIME 3:00 <u>P.M.</u>
4. FAMILY NAME (BOTANICAL) Gramineae		5. DATE OF DETERMINATION 6/7/78		FEE RECEIVED \$ 500.00 \$ 250.00	DATE 3/21/80 10/1/81
6. NAME OF APPLICANT(S) W.P.B. ACQUISITION INC. Western Plant Breeders Inc. WESTERN PLANT BREEDERS, INC. (a Maryland Corporation)		7. ADDRESS (Street and No. or R.F.D. No., City, State, and ZIP Code) 1918 VAN BUREN Rt. 3 Box 45 B Conrad, Montana 59425 PHOENIX, AZ 85004 ATT: MR. ROBERT HUNTINGTON		8. TELEPHONE AREA CODE AND NUMBER 406-278-5547	
9. IF THE NAMED APPLICANT IS NOT A PERSON, FORM OF ORGANIZATION: (Corporation, partnership, association, etc.) Corporation		10. IF INCORPORATED, GIVE STATE AND DATE OF INCORPORATION Arizona Dec 1, 1977		11. DATE OF INCORPORATION	

12. Name and mailing address of applicant representative(s), if any, to serve in this application and receive all papers:

Albert E Carleton Rt 3 Box 45 B Conrad, Montana 59425

13. CHECK BOX BELOW FOR EACH ATTACHMENT SUBMITTED:

- ☒ 13A. Exhibit A, Origin and Breeding History of the Variety (See Section 52 of the Plant Variety Protection Act.)
- ☒ 13B. Exhibit B, Novelty Statement.
- ☒ 13C. Exhibit C, Objective Description of the Variety (Request form from Plant Variety Protection Office.)
- ☒ 13D. Exhibit D, Additional Description of the Variety.

14A. Does the applicant(s) specify that seed of this variety be sold by variety name only as a class of certified seed? (See Section 83(a). (If "Yes," answer 14B and 14C below.) ☒ YES ☐ NO14B. Does the applicant(s) specify that this variety be limited as to number of generations? ☒ YES ☐ NO14C. If "Yes," to 14B, how many generations of production beyond breeder seed? ☒ FOUNDATION ☒ REGISTERED ☒ CERTIFIED15. Does the applicant(s) agree to the publication of his/her (their) name(s) and address in the Official Journal? ☒ YES ☐ NO

16. The applicant(s) declare(s) that a viable sample of basic seed of this variety will be deposited upon request before issuance of a certificate and will be replenished periodically in accordance with such regulations as may be applicable.

The undersigned applicant(s) is (are) the owner(s) of this sexually reproduced novel plant variety, and believe(s) that the variety is distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Act.

Applicant(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.

2/15/80
(DATE)Albert E Carleton
(SIGNATURE OF APPLICANT)

INSTRUCTIONS

GENERAL: Send an original copy of the application, exhibits and \$250.00 fee to U.S. Dept. of Agriculture, Agricultural Marketing Service, Grain Division, National Agricultural Library, Beltsville, Maryland 20705. (See Section 180.175 of the regulations and rules of practice.) Retain one copy for your files. All items on the face of the form are self-explanatory unless noted below.

ITEM

5 Give the date the applicant determined that he had a new variety based on (1) the definition in Section 41(a) of the Act and (2) the date a decision was made to increase the seed.

13a Give (1), the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method. (2), the details of subsequent stages of selection and multiplication. (3), the type and frequency of variants during reproduction and multiplication and state how these variants may be identified and (4), evidence of stability.

13b Give a summary statement of the variety's novelty. Clearly state how this novel variety may be distinguished from all other varieties in the same crop. If the new variety most closely resembles one or a group of related varieties; (1) identify these varieties and state all differences objectively; (2) Attach statistical data for characters expressed numerically and demonstrate that these differences are significant; and (3) submit, if helpful, seed and plant specimens or photographs of seed and plant comparisons clearly indicating novelty.

13c Fill in the Exhibit C, Objective Description form for all characteristics, for which you have adequate data.

13d Describe any additional characteristics that are not described, or whose description cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the description of characteristics that are difficult to describe; such as; plant habit, plant color, disease resistance, etc.

14A If "YES" is specified (seed of this variety be sold by variety name only as a class of certified seed) the applicant may NOT reverse his affirmative decision after the variety has either been sold and so labeled or published or the certificate has been issued. However, if the applicant specifies "NO", he may change his choice. (See Section 180.15 of the Regulations and Rules of Practice.)

MAR 21 1980

3:00 pm

WESTBRED 906 R

13 A

'WestBred 906 R' is a selection from a male sterile facilitative recurrent selection program (MSFRS¹). The basic MSFRS population was obtained from Mr. Rex Thompson of the University of Arizona at the Mesa Experiment Station in 1975. Mr. Thompson constructed a spring wheat MSFRS population utilizing two male sterile lines selected from 'Siete Cerros' (a white wheat). Some fifty or more red spring wheat varieties were crossed onto these male sterile lines. When the F₂ generation of these crosses were growing at Mesa in the spring of 1975, 250 heads were taken from fertile plants by Western Plant Breeders personnel. These heads were used to grow F₃ head rows at Conrad, Montana during the summer of 1975.

The best fourteen F₃ head rows were saved and evaluated as F₄ plant plots in 1976 at Conrad. The nine best F₄ plant plots were selected and ten plants were harvested from each of the selected F₄ plant plots. These plants were grown as separate F₅ plots in Arizona during the 1976-77 season. F₅ plots that did not segregate for male sterility, white seed color and other major genetic traits within the group of ten were bulked and tested at the F₆ generation in the northwest during the 1977 season. A portion of the F₆ bulk was increased for basic seed of each line and seed from this increase was used for testing during the 1978 season in the northwest. 'WestBred 906R' was the best performing line in the northwest.

Thus, the parentage of 'WestBred 906R' can not be traced to a set of parental lines or varieties but is best described as having its genealogy from a broad-based spring wheat population.

Once the F₂ heads were selected from the MSFRS population, a pedigree

¹ Registered as germplasm No. GP 116 in Crop Science

system of handling subsequent generations was employed. One F_3 plant was used to produce the F_4 plant plot and 10 plants from the F_4 was used to produce the F_5 . Non-segregating F_5 plots were bulked to produce the F_6 generation. This manner of handling segregating generations in wheat leads to rapid elimination of genetic variability. The bulk method has been used to produce the F_7 and F_8 generations.

The pedigree method led to homozygosity and genetic uniformity. The only variants noted has been an occasional red head with a frequency less than 1 in 100,000.

'WestBred 906R' is a stable variety in agronomic appearance, and performance across several generations and growing conditions. Agronomic data to support stability is presented in Table 1. 'WestBred 906R' shows the same amount of stability for yield, plant height and maturity as two old standard varieties grown in the same trial.

Table 1 Agronomic measurement of 'WestBred 906R', Olaf and Era grown at Conrad, Montana in 1978 and 1979.

<u>Variety</u>	<u>Yield#/A</u>		<u>Plant Height CM</u>		<u>Maturity</u>	<u>Date</u>
	1978	1979	1978	1979	1978	1979
WestBred 906R	2780	2910	62.	60	8-5	8-1
Olaf	2750	2810	72.	70.	8-7	8-4
Era	2790	2880	65.	62.	8-10	8-9

13 B.

'WestBred 906R' is a semi-dwarf variety with dark green plant color. 'WestBred 906R' hay has yellow straw with white heads at maturity. It can be separated from standard height varieties such as 'Butte', 'Fortuna' and 'Lew' by plant height as it will be from 12 to 24 cm shorter. 'WestBred 906R' is most closely resembles 'Era' and 'Olaf'. 'WestBred 906R' has a larger seed than other semi-dwarf varieties being similar in seed size to 'Fortuna'. 'WestBred 906R' will be 5 to 10 days earlier than 'Era' and 3 to 5 days earlier than 'Olaf'. Its plant height is shorter than 'Era' and 'Olaf'. 'WestBred 906R' has very large heads being about 1/3 larger than 'Era'. 'WestBred 906R' has a very hairy last rachis internode while 'Era' and 'Olaf' do not. *They have a few hairs which are not very obvious.* 8/20/81

" See Table 2 " from North Dakota Station for statistical data supporting characters used for novelty.

FORM GR-470-6
(2-15-73)

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
GRAIN DIVISION
HYATTSVILLE, MARYLAND 20782

FORM APPROVED. OMB NO. 40-R3712

EXHIBIT C
(Wheat)

OBJECTIVE DESCRIPTION OF VARIETY
WHEAT (TRITICUM SPP.)

INSTRUCTIONS: See Reverse.

NAME OF APPLICANT(S)

Western Plant Breeders Inc.

ADDRESS (Street and No. or R.F.D. No., City, State, and ZIP Code)

Rt 3 Box 45 B Conrad, Montana 59425

FOR OFFICIAL USE ONLY

PVPO NUMBER 8000078

VARIETY NAME OR TEMPORARY DESIGNATION

WestBred 906R

Place the appropriate number that describes the varietal character of this variety in the boxes below.

Place a zero in first box (e.g., 0 8 9 or 0 9) when number is either 99 or less or 9 or less.

1. KIND:

1 = COMMON 2 = DURUM 3 = EMMER 4 = SPELT 5 = POLISH 6 = POULARD 7 = CLUB

2. TYPE:

1 = SPRING 2 = WINTER 3 = OTHER (Specify) 1 = SOFT 2 = HARD 3 = OTHER (Specify)

2 = 1 = WHITE 2 = RED 3 = OTHER (Specify)

3. SEASON - NUMBER OF DAYS FROM EMERGENCE TO:

0 5 2 FIRST FLOWERING 0 6 4 LAST FLOWERING

4. MATURITY (50% Flowering):

1 1 NO. OF DAYS EARLIER THAN 3 1 = ARTHUR 2 = SCOUT 3 = CHRIS
NO. OF DAYS LATER THAN None 4 = LEMHI 5 = NUGAINES 6 = LEEDS

5. PLANT HEIGHT (From soil level to top of head):

0 6 5 CM. HIGH
CM. TALLER THAN None of These 1 = ARTHUR 2 = SCOUT 3 = CHRIS
1 2 CM. SHORTER THAN 4 = LEMHI 5 = NUGAINES 6 = LEEDS

6. PLANT COLOR AT BOOTING (See reverse):

3 1 = YELLOW GREEN 2 = GREEN 3 = BLUE GREEN

7. ANTHR COLOR:

1 1 = YELLOW 2 = PURPLE

8. STEM:

1 Anthocyanin: 1 = ABSENT 2 = PRESENT
2 Hairiness of last internode of rachis: 1 = ABSENT 2 = PRESENT
0 4 NO. OF NODES (Originating from node above ground)
2 Waxy bloom: 1 = ABSENT 2 = PRESENT
1 Internodes: 1 = HOLLOW 2 = SOLID
1 0 CM. INTERNODE LENGTH BETWEEN FLAG LEAF AND LEAF BELOW

9. AURICLES:

2 Anthocyanin: 1 = ABSENT 2 = PRESENT
2 Hairiness: 1 = ABSENT 2 = PRESENT

10. LEAF:

1 Flag leaf at booting stage: 1 = ERECT 2 = RECURVED
3 = OTHER (Specify)
1 Hairs of first leaf sheath: 1 = ABSENT 2 = PRESENT
1 5 MM. LEAF WIDTH (First leaf below flag leaf)
2 Flag leaf: 1 = NOT TWISTED 2 = TWISTED
1 Waxy bloom of flag leaf sheath: 1 = ABSENT 2 = PRESENT
2 0 CM. LEAF LENGTH (First leaf below flag leaf)

11. HEAD:

Density: 1 = LAX 2 = DENSE
 Shape: 1 = TAPERING 2 = STRAP 3 = CLAVATE
 4 = OTHER (Specify) _____

Awnedness: 1 = AWNLESS 2 = APICALLY AWNLETED 3 = AWNLETED 4 = AWNED

Color at maturity: 1 = WHITE 2 = YELLOW 3 = PINK 4 = RED
 5 = BROWN 6 = BLACK 7 = OTHER (Specify): _____

CM. LENGTH
 MM. WIDTH

12. GLUMES AT MATURITY:

Length: 1 = SHORT (CA. 7 mm.) 2 = MEDIUM (CA. 8 mm.)
 3 = LONG (CA. 9 mm.)
 Width: 1 = NARROW (CA. 3 mm.) 2 = MEDIUM (CA. 3.5 mm.)
 3 = WIDE (CA. 4 mm.)

Shoulder shape: 1 = WANTING 2 = OBLIQUE 3 = ROUNDED
 4 = SQUARE 5 = ELEVATED 6 = APICULATE
 Beak: 1 = OBTUSE 2 = ACUTE 3 = ACUMINATE

13. COLEOPTILE COLOR:

1 = WHITE 2 = RED 3 = PURPLE

14. SEEDLING ANTHOCYANIN:

1 = ABSENT 2 = PRESENT

15. JUVENILE PLANT GROWTH HABIT:

1 = PROSTRATE 2 = SEMI-ERECT 3 = ERECT

16. SEED:

Shape: 1 = OVATE 2 = OVAL 3 = ELLIPTICAL
 Cheek: 1 = ROUNDED 2 = ANGULAR

^{8/20/81} Brush: 1 = SHORT 2 = MEDIUM 3 = LONG
 Brush: 1 = NOT COLLARED 2 = COLLARED

Phenol reaction (See instructions): 1 = IVORY 2 = FAWN 3 = LT. BROWN
 4 = BROWN 5 = BLACK
 Not Tested

Color: 1 = WHITE 2 = AMBER 3 = RED 4 = PURPLE 5 = OTHER (Specify) _____

MM. LENGTH
 MM. WIDTH
 GM. PER 1000 SEEDS

17. SEED CREASE:

Width: 1 = 60% OR LESS OF KERNEL 'WINOKA'
 2 = 80% OR LESS OF KERNEL 'CHRIS'
 3 = NEARLY AS WIDE AS KERNEL 'LEMHI'
 Depth: 1 = 20% OR LESS OF KERNEL 'SCOUT'
 2 = 35% OR LESS OF KERNEL 'CHRIS'
 3 = 50% OR LESS OF KERNEL 'LEMHI'

18. DISEASE: (0 = Not Tested, 1 = Susceptible, 2 = Resistant)

STEM RUST (Races)
 LEAF RUST (Races)
 STRIPE RUST (Races)
 LOOSE SMUT

POWDERY MILDEW
 BUNT
 OTHER (Specify) _____

19. INSECT: (0 = Not Tested, 1 = Susceptible, 2 = Resistant)

SAWFLY
 APHID (Bydv.)
 GREEN BUG
 CEREAL LEAF BEETLE

OTHER (Specify) _____
 HESSIAN FLY RACES:
 GP
 A
 B
 C

D
 E
 F
 G

20. INDICATE WHICH VARIETY MOST CLOSELY RESEMBLES THAT SUBMITTED:

CHARACTER	NAME OF VARIETY	CHARACTER	NAME OF VARIETY
Plant tillering	Butte	Seed size	Fortuna
Leaf size	Eureka	Seed shape	Fortuna
Leaf color	Kitt	Coleoptile elongation	Olaf
Leaf carriage	Butte	Seedling pigmentation	Olaf

INSTRUCTIONS

GENERAL: The following publications may be used as a reference aid for the standardization of terms and procedures for completing this form:

- (a) L.W. Briggles and L. P. Reitz, 1963, Classification of Triticum Species and Wheat Varieties Grown in the United States, Technical Bulletin 1278, United States Department of Agriculture.
- (b) W.E. Walls, 1965, A Standardized Phenol Method for Testing Wheat Seeds for Varietal Purity, contribution No. 28 to the handbook of seed testing prepared by the Association of Official Seed Analysts. (See attachment.)

LEAF COLOR: Nickerson's or any recognized color fan should be used to determine the leaf color of the described variety.

MAR 21 1980

13 D

'WestBred 906R' has excellent milling and baking quality as can be seen in the attached tests from Spring and Durum Wheat Quality Research Unit USDA SEA Fargo, North Dakota and from Washington State University Quality Lab, Pullman, Washington. 'WestBred 906R' has excellent protein content and yield compared to 'Era' and 'Solar' as can be seen in the North Dakota 906R field test conducted by Western Plant Breeders in 1979. 'WestBred 906R' had from one to two percentage points more protein than 'Era' and 'Solar'. (See comparison sheet.)

Under certain environmental conditions (for example, dry straight combining with no weathering of seed) 0 to .2% of the kernels will be of a lighter color. This variant should be considered part of the variety.

OCT 14 1979

WASH STATE

Table

Preliminary agronomic data for Western Plant Breeders' wheats (Aim and 906R) and check varieties, Waldron, Era, Olaf and Butte, from 1979 hard red spring wheat trials at North Dakota stations.

Station	Variety or line	Headed days	Height cm	Lodging		% Rust		Leaf score 0-9	Test wt. lbs/bu	Yield bu/A
				score 1/ 0-9	score 2/ 0-9	Leaf	Stem			
<u>Williston</u>	Waldron	47	80	-	-	-	-	4.0	58.1	27.7
	Era	51	65	-	-	-	-	2.0	58.2	33.3
	Olaf	49	69	-	-	-	-	2.5	59.0	31.3
	Butte	46	78	-	-	-	-	3.5	60.9	29.2
	Aim	48	61	-	-	-	-	3.0	58.4	29.4
	WPB906R	46	63	-	-	-	-	4.5	59.1	29.7
C.V. 7.6 LSD .05 3.2										
<u>N. Central (Minot)</u>	Waldron	48	75	0	-	75S	0	-	58.0	34.7
	Era	54	68	0	-	50S	0	-	58.0	46.5
	Olaf	50	73	0	-	tmR	0	-	58.0	41.7
	Butte	47	70	0	-	0	0	-	59.0	27.5
	Aim	52	65	0	-	0	0	-	59.0	32.8
	WPB906R	51	63	0	-	70S	0	-	57.0	34.6
C.V. 11.9 LSD .05 6.1										
<u>Carrington dryland</u>	Waldron	50	92	2.5	-	-	-	-	57.0	51.1
	Era	57	77	2.0	-	-	-	-	58.0	62.0
	Olaf	55	83	0.0	-	-	-	-	59.0	57.1
	Butte	47	89	3.5	-	-	-	-	61.5	60.6
	Aim	52	72	0.0	-	-	-	-	59.5	62.5
	WPB906R	48	70	0.0	-	-	-	-	59.0	59.5
C.V. 11.3 LSD .05 9.6										
<u>Carrington Irrigated</u>	Waldron	50	93	7.0	-	-	-	-	55.0	53.6
	Era	55	75	6.0	-	-	-	-	58.0	56.7
	Olaf	53	85	4.5	-	-	-	-	58.0	56.7
	Butte	46	84	7.5	-	-	-	-	60.5	61.9
	Aim	50	73	7.0	-	-	-	-	58.5	63.5
	WPB906R	47	77	7.0	-	-	-	-	57.5	50.0
C.V. 6.5 LSD .05 5.3										

8000078

Station	Variety or line	Headed days	Height cm	Lodging score 0-9	% Rust		Leaf score 0-9	Test wt. lbs/bu	Yield bu/A
					Leaf	Stem			
Fargo	Waldron	53	91	4.5	20S	0	6.8	56.5	42.6
	Era	58	74	3.0	10MS	0	4.5	54.7	37.0
	Olaf	55	79	3.5	tMR	0	5.0	56.2	40.1
	Butte	50	86	6.5	5R	0	4.5	58.8	51.0
	Aim	53	74	3.5	tR	0	6.0	57.8	47.1
	WPB906R	49	71	4.5	35S	0	6.0	55.5	45.4
									C.V. -
									LSD .05 -

1/ Lodging score: 0 is erect, 9 is completely lodged.

2/ Leaf spotting diseases visual rating: 0, no infection; 9, severe infection.

Table 18

S. W. Cellers
 BUCHANAN-CELLERS GRAIN COMPANY
 855 E. 5th Street, P. O. Box 56
 McMinnville, Oregon 97128

Lab No.	Variety or " Selection "	Kernel Type	Test Wt. lbs./bu.	Flour Yield %	Mill Score	Flour Ash %	Flour Protein %	Bake Absorp. %	Crumb Grain	Bake Mix Time	Loaf. Volume %
771209	Fortuna	HRS	64.2	69.6	79.0	.49	11.3	69.7	S	2.40	1129
771210	BC-25 406R	HRS	64.7	70.2	79.4	.46	10.9	71.5	S	4.13	1147

<u>LOCATION & GROWER</u>	<u>VARIETY</u>	<u>YIELD</u>	<u>T.W.</u>	<u>% PROTEIN</u>	<u>COMMENTS</u>
Near Fargo	906R	45 Bu/A		16.1	Good Field, 906R thin
Dullea	Era	43 Bu/A		15.0	906R Grade #2 NSW
Bunn	906R	32 Bu/A		16.1	#1 DNSW
	Waldron	27 Bu/A			
Wheatland, N.D.	906R	38 Bu/A		14.3	#2 NSW
Lundquist	Era	38 Bu/A		13.3	
Production 140A	906R	32 Bu/A		16.1	#1 DNSW Spray Damage
Herbeke	Solar	35 Bu/A		14.2	#3 NSW Thin 906R
Near Fargo	906R	24 Bu/A		16.4	#2 DNSW Seeded June 10th
Kenney	Solar	35 Bu/A		14.3	#3 DNSW Very Wet Site

Advanced yield trial WPB

Aim 46 Bu/A
 Eureka 38 Bu/A
 Coteau 36 Bu/A
 Olaf 35 Bu/A
 Era 35 Bu/A
 906R 32 Bu/A
 Butte 28 Bu/A

P.E. Trial

Era 44 Bu/A
 906R 40 Bu/A

APPLICATION NO. _____

VARIETY NAME WestBred 906R

Test Results Based on the American Association of Cereal
Chemists Approved Method (AACC)

1. Straight dough development time ratio:

Farino graph 6.0 peak absorption 67.5 stability 9.0Dough-Mixer 3.0 Min

2.

Baking Ingredients	Arrival time-- minutes	Peak time	Stability-- minutes	Curve center height B.U.	Height at end B.U.
Yeast					
No rest					
4 hr. rest	2.0	6.0	9.0	510	430

3. Protein percentage 14.1 Flour

STATE OF ARIZONA)
) ss.
County of Maricopa)

ASSIGNMENT

WHEREAS, WESTERN PLANT BREEDERS, INC., an Arizona corporation (a/k/a) WESTERN PLANT BREEDERS), having its principal place of business at Phoenix, Arizona, has adopted, used and is using the following Certificate of Protection which is registered in the Plant Variety Protection Office of the Secretary of Agriculture:

Certificate No. 8000078 WestBred 906R Common Wheat

WHEREAS, WPB ACQUISITION INC., a Maryland corporation, having its principal place of business in Hayward, California, is desirous of acquiring said Plant Variety Protection Certificate; and

WHEREAS, WESTERN PLANT BREEDERS, INC., states that it has title to the above Certificate and that this transfer does not violate any applicable ruling or order of any court or agency of competent jurisdiction.

NOW, THEREFORE, for valuable consideration, receipt of which is hereby acknowledged, WESTERN PLANT BREEDERS, INC. does hereby assign and set over to WPB ACQUISITION INC., all of the right, title and interest of WESTERN PLANT BREEDERS, INC., in and to the variety of common wheat named:

"WestBred 906R"

together with all goodwill associated with that variety and that name, and together with all rights under and to that Certificate of Plant Variety Protection, No. 8000078, issued by the Secretary of Agriculture of the United States of America on November 19, 1981.

WESTERN PLANT BREEDERS, INC.

By Albert E. Carleton
Albert E. Carleton, President

On this 30th day of September, 1985, before me, appeared Albert E. Carleton, to me personally known, who, being by me duly sworn, did say that he is the president of WESTERN PLANT BREEDERS, INC., an Arizona corporation, and that the foregoing Assignment is on behalf of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal at my office in Phoenix, Arizona the day and year last above written.

Gwen M. Ball aka Gwen M. Smith
Notary Public

My Commission Expires:

November 3, 1986

QUALITY DATA ON FIELD PLOT · NURSERY SAMPLES

CLEAN DRY - SUBTRACT 1 LB./BU. FOR DOCKAGE-FREE T.M.

14% MOISTURE BASIS.

1 = VERY SATISFACTORY. 2 = SATISFACTORY. 3 = SATISFACTORY-QUESTIONABLE. 4 = QUESTIONABLE-SATISFACTORY. 5 = VERY SATISFACTORY. 6 = SOFT. 7 = GRITTY. 8 = VERY SOFT.

1 = NORMAL. 2 = NORMAL-SOFT. 3 = NORMAL. 4 = SOFT. 5 = GRITTY. 6 = VERY WEAK. 7 = VERY STRONG.

REFER TO REFERENCE MIXUGRAMS FOR NUMERICAL CURVE PATTERN. (1 = VERY WEAK. 2 = PLIABLE-ELASTIC. 3 = PLIABLE. 4 = ELASTIC. 5 = PLIABLE-ELASTIC. 6 = PLIABLE. 7 = BRIGHT CREAMY. 8 = BRIGHT CREAMY. 9 = BRIGHT CREAMY. 10 = BRIGHT CREAMY. 11 = BRIGHT CREAMY. 12 = BRIGHT CREAMY. 13 = BRIGHT CREAMY. 14 = BRIGHT CREAMY. 15 = BRIGHT CREAMY. 16 = BRIGHT CREAMY. 17 = BRIGHT CREAMY. 18 = BRIGHT CREAMY. 19 = BRIGHT CREAMY. 20 = BRIGHT CREAMY. 21 = BRIGHT CREAMY. 22 = BRIGHT CREAMY. 23 = BRIGHT CREAMY. 24 = BRIGHT CREAMY. 25 = BRIGHT CREAMY. 26 = BRIGHT CREAMY. 27 = BRIGHT CREAMY. 28 = BRIGHT CREAMY. 29 = BRIGHT CREAMY. 30 = BRIGHT CREAMY. 31 = BRIGHT CREAMY. 32 = BRIGHT CREAMY. 33 = BRIGHT CREAMY. 34 = BRIGHT CREAMY. 35 = BRIGHT CREAMY. 36 = BRIGHT CREAMY. 37 = BRIGHT CREAMY. 38 = BRIGHT CREAMY. 39 = BRIGHT CREAMY. 40 = BRIGHT CREAMY. 41 = BRIGHT CREAMY. 42 = BRIGHT CREAMY. 43 = BRIGHT CREAMY. 44 = BRIGHT CREAMY. 45 = BRIGHT CREAMY. 46 = BRIGHT CREAMY. 47 = BRIGHT CREAMY. 48 = BRIGHT CREAMY. 49 = BRIGHT CREAMY. 50 = BRIGHT CREAMY. 51 = BRIGHT CREAMY. 52 = BRIGHT CREAMY. 53 = BRIGHT CREAMY. 54 = BRIGHT CREAMY. 55 = BRIGHT CREAMY. 56 = BRIGHT CREAMY. 57 = BRIGHT CREAMY. 58 = BRIGHT CREAMY. 59 = BRIGHT CREAMY. 60 = BRIGHT CREAMY. 61 = BRIGHT CREAMY. 62 = BRIGHT CREAMY. 63 = BRIGHT CREAMY. 64 = BRIGHT CREAMY. 65 = BRIGHT CREAMY. 66 = BRIGHT CREAMY. 67 = BRIGHT CREAMY. 68 = BRIGHT CREAMY. 69 = BRIGHT CREAMY. 70 = BRIGHT CREAMY. 71 = BRIGHT CREAMY. 72 = BRIGHT CREAMY. 73 = BRIGHT CREAMY. 74 = BRIGHT CREAMY. 75 = BRIGHT CREAMY. 76 = BRIGHT CREAMY. 77 = BRIGHT CREAMY. 78 = BRIGHT CREAMY. 79 = BRIGHT CREAMY. 80 = BRIGHT CREAMY. 81 = BRIGHT CREAMY. 82 = BRIGHT CREAMY. 83 = BRIGHT CREAMY. 84 = BRIGHT CREAMY. 85 = BRIGHT CREAMY. 86 = BRIGHT CREAMY. 87 = BRIGHT CREAMY. 88 = BRIGHT CREAMY. 89 = BRIGHT CREAMY. 90 = BRIGHT CREAMY. 91 = BRIGHT CREAMY. 92 = BRIGHT CREAMY. 93 = BRIGHT CREAMY. 94 = BRIGHT CREAMY. 95 = BRIGHT CREAMY. 96 = BRIGHT CREAMY. 97 = BRIGHT CREAMY. 98 = BRIGHT CREAMY. 99 = BRIGHT CREAMY. 100 = BRIGHT CREAMY.

1 = BUCKY. 2 = VERY ELASTIC. 3 = ELASTIC. 4 = ELASTIC. 5 = ELASTIC. 6 = ELASTIC. 7 = ELASTIC. 8 = ELASTIC. 9 = ELASTIC. 10 = ELASTIC. 11 = ELASTIC. 12 = ELASTIC. 13 = ELASTIC. 14 = ELASTIC. 15 = ELASTIC. 16 = ELASTIC. 17 = ELASTIC. 18 = ELASTIC. 19 = ELASTIC. 20 = ELASTIC. 21 = ELASTIC. 22 = ELASTIC. 23 = ELASTIC. 24 = ELASTIC. 25 = ELASTIC. 26 = ELASTIC. 27 = ELASTIC. 28 = ELASTIC. 29 = ELASTIC. 30 = ELASTIC. 31 = ELASTIC. 32 = ELASTIC. 33 = ELASTIC. 34 = ELASTIC. 35 = ELASTIC. 36 = ELASTIC. 37 = ELASTIC. 38 = ELASTIC. 39 = ELASTIC. 40 = ELASTIC. 41 = ELASTIC. 42 = ELASTIC. 43 = ELASTIC. 44 = ELASTIC. 45 = ELASTIC. 46 = ELASTIC. 47 = ELASTIC. 48 = ELASTIC. 49 = ELASTIC. 50 = ELASTIC. 51 = ELASTIC. 52 = ELASTIC. 53 = ELASTIC. 54 = ELASTIC. 55 = ELASTIC. 56 = ELASTIC. 57 = ELASTIC. 58 = ELASTIC. 59 = ELASTIC. 60 = ELASTIC. 61 = ELASTIC. 62 = ELASTIC. 63 = ELASTIC. 64 = ELASTIC. 65 = ELASTIC. 66 = ELASTIC. 67 = ELASTIC. 68 = ELASTIC. 69 = ELASTIC. 70 = ELASTIC. 71 = ELASTIC. 72 = ELASTIC. 73 = ELASTIC. 74 = ELASTIC. 75 = ELASTIC. 76 = ELASTIC. 77 = ELASTIC. 78 = ELASTIC. 79 = ELASTIC. 80 = ELASTIC. 81 = ELASTIC. 82 = ELASTIC. 83 = ELASTIC. 84 = ELASTIC. 85 = ELASTIC. 86 = ELASTIC. 87 = ELASTIC. 88 = ELASTIC. 89 = ELASTIC. 90 = ELASTIC. 91 = ELASTIC. 92 = ELASTIC. 93 = ELASTIC. 94 = ELASTIC. 95 = ELASTIC. 96 = ELASTIC. 97 = ELASTIC. 98 = ELASTIC. 99 = ELASTIC. 100 = ELASTIC.

1 = BRIGHT WHITE. 2 = BRIGHT WHITE. 3 = BRIGHT WHITE. 4 = BRIGHT WHITE. 5 = BRIGHT WHITE. 6 = BRIGHT WHITE. 7 = BRIGHT WHITE. 8 = BRIGHT WHITE. 9 = BRIGHT WHITE. 10 = BRIGHT WHITE. 11 = BRIGHT WHITE. 12 = BRIGHT WHITE. 13 = BRIGHT WHITE. 14 = BRIGHT WHITE. 15 = BRIGHT WHITE. 16 = BRIGHT WHITE. 17 = BRIGHT WHITE. 18 = BRIGHT WHITE. 19 = BRIGHT WHITE. 20 = BRIGHT WHITE. 21 = BRIGHT WHITE. 22 = BRIGHT WHITE. 23 = BRIGHT WHITE. 24 = BRIGHT WHITE. 25 = BRIGHT WHITE. 26 = BRIGHT WHITE. 27 = BRIGHT WHITE. 28 = BRIGHT WHITE. 29 = BRIGHT WHITE. 30 = BRIGHT WHITE. 31 = BRIGHT WHITE. 32 = BRIGHT WHITE. 33 = BRIGHT WHITE. 34 = BRIGHT WHITE. 35 = BRIGHT WHITE. 36 = BRIGHT WHITE. 37 = BRIGHT WHITE. 38 = BRIGHT WHITE. 39 = BRIGHT WHITE. 40 = BRIGHT WHITE. 41 = BRIGHT WHITE. 42 = BRIGHT WHITE. 43 = BRIGHT WHITE. 44 = BRIGHT WHITE. 45 = BRIGHT WHITE. 46 = BRIGHT WHITE. 47 = BRIGHT WHITE. 48 = BRIGHT WHITE. 49 = BRIGHT WHITE. 50 = BRIGHT WHITE. 51 = BRIGHT WHITE. 52 = BRIGHT WHITE. 53 = BRIGHT WHITE. 54 = BRIGHT WHITE. 55 = BRIGHT WHITE. 56 = BRIGHT WHITE. 57 = BRIGHT WHITE. 58 = BRIGHT WHITE. 59 = BRIGHT WHITE. 60 = BRIGHT WHITE. 61 = BRIGHT WHITE. 62 = BRIGHT WHITE. 63 = BRIGHT WHITE. 64 = BRIGHT WHITE. 65 = BRIGHT WHITE. 66 = BRIGHT WHITE. 67 = BRIGHT WHITE. 68 = BRIGHT WHITE. 69 = BRIGHT WHITE. 70 = BRIGHT WHITE. 71 = BRIGHT WHITE. 72 = BRIGHT WHITE. 73 = BRIGHT WHITE. 74 = BRIGHT WHITE. 75 = BRIGHT WHITE. 76 = BRIGHT WHITE. 77 = BRIGHT WHITE. 78 = BRIGHT WHITE. 79 = BRIGHT WHITE. 80 = BRIGHT WHITE. 81 = BRIGHT WHITE. 82 = BRIGHT WHITE. 83 = BRIGHT WHITE. 84 = BRIGHT WHITE. 85 = BRIGHT WHITE. 86 = BRIGHT WHITE. 87 = BRIGHT WHITE. 88 = BRIGHT WHITE. 89 = BRIGHT WHITE. 90 = BRIGHT WHITE. 91 = BRIGHT WHITE. 92 = BRIGHT WHITE. 93 = BRIGHT WHITE. 94 = BRIGHT WHITE. 95 = BRIGHT WHITE. 96 = BRIGHT WHITE. 97 = BRIGHT WHITE. 98 = BRIGHT WHITE. 99 = BRIGHT WHITE. 100 = BRIGHT WHITE.

1 = SOGGY. 2 = SOGGY. 3 = SOGGY. 4 = SOGGY. 5 = SOGGY. 6 = SOGGY. 7 = SOGGY. 8 = SOGGY. 9 = SOGGY. 10 = SOGGY. 11 = SOGGY. 12 = SOGGY. 13 = SOGGY. 14 = SOGGY. 15 = SOGGY. 16 = SOGGY. 17 = SOGGY. 18 = SOGGY. 19 = SOGGY. 20 = SOGGY. 21 = SOGGY. 22 = SOGGY. 23 = SOGGY. 24 = SOGGY. 25 = SOGGY. 26 = SOGGY. 27 = SOGGY. 28 = SOGGY. 29 = SOGGY. 30 = SOGGY. 31 = SOGGY. 32 = SOGGY. 33 = SOGGY. 34 = SOGGY. 35 = SOGGY. 36 = SOGGY. 37 = SOGGY. 38 = SOGGY. 39 = SOGGY. 40 = SOGGY. 41 = SOGGY. 42 = SOGGY. 43 = SOGGY. 44 = SOGGY. 45 = SOGGY. 46 = SOGGY. 47 = SOGGY. 48 = SOGGY. 49 = SOGGY. 50 = SOGGY. 51 = SOGGY. 52 = SOGGY. 53 = SOGGY. 54 = SOGGY. 55 = SOGGY. 56 = SOGGY. 57 = SOGGY. 58 = SOGGY. 59 = SOGGY. 60 = SOGGY. 61 = SOGGY. 62 = SOGGY. 63 = SOGGY. 64 = SOGGY. 65 = SOGGY. 66 = SOGGY. 67 = SOGGY. 68 = SOGGY. 69 = SOGGY. 70 = SOGGY. 71 = SOGGY. 72 = SOGGY. 73 = SOGGY. 74 = SOGGY. 75 = SOGGY. 76 = SOGGY. 77 = SOGGY. 78 = SOGGY. 79 = SOGGY. 80 = SOGGY. 81 = SOGGY. 82 = SOGGY. 83 = SOGGY. 84 = SOGGY. 85 = SOGGY. 86 = SOGGY. 87 = SOGGY. 88 = SOGGY. 89 = SOGGY. 90 = SOGGY. 91 = SOGGY. 92 = SOGGY. 93 = SOGGY. 94 = SOGGY. 95 = SOGGY. 96 = SOGGY. 97 = SOGGY. 98 = SOGGY. 99 = SOGGY. 100 = SOGGY.

1 = THICK WALL OR HARSH. 2 = THICK WALL OR HARSH. 3 = THICK WALL OR HARSH. 4 = THICK WALL OR HARSH. 5 = THICK WALL OR HARSH. 6 = THICK WALL OR HARSH. 7 = THICK WALL OR HARSH. 8 = THICK WALL OR HARSH. 9 = THICK WALL OR HARSH. 10 = THICK WALL OR HARSH. 11 = THICK WALL OR HARSH. 12 = THICK WALL OR HARSH. 13 = THICK WALL OR HARSH. 14 = THICK WALL OR HARSH. 15 = THICK WALL OR HARSH. 16 = THICK WALL OR HARSH. 17 = THICK WALL OR HARSH. 18 = THICK WALL OR HARSH. 19 = THICK WALL OR HARSH. 20 = THICK WALL OR HARSH. 21 = THICK WALL OR HARSH. 22 = THICK WALL OR HARSH. 23 = THICK WALL OR HARSH. 24 = THICK WALL OR HARSH. 25 = THICK WALL OR HARSH. 26 = THICK WALL OR HARSH. 27 = THICK WALL OR HARSH. 28 = THICK WALL OR HARSH. 29 = THICK WALL OR HARSH. 30 = THICK WALL OR HARSH. 31 = THICK WALL OR HARSH. 32 = THICK WALL OR HARSH. 33 = THICK WALL OR HARSH. 34 = THICK WALL OR HARSH. 35 = THICK WALL OR HARSH. 36 = THICK WALL OR HARSH. 37 = THICK WALL OR HARSH. 38 = THICK WALL OR HARSH. 39 = THICK WALL OR HARSH. 40 = THICK WALL OR HARSH. 41 = THICK WALL OR HARSH. 42 = THICK WALL OR HARSH. 43 = THICK WALL OR HARSH. 44 = THICK WALL OR HARSH. 45 = THICK WALL OR HARSH. 46 = THICK WALL OR HARSH. 47 = THICK WALL OR HARSH. 48 = THICK WALL OR HARSH. 49 = THICK WALL OR HARSH. 50 = THICK WALL OR HARSH. 51

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1978 CACP

CRUMB GRAIN	LOAF VOL.	BAKE EVAL.	GEN. EVAL.	MINOR DEFICIENCY	MAJOR DEFICIENCY
87	CC.	37	57		

86.07	1020	2	4	WM	MG5	DD
87.10	980	4	3	KW	LG	DD
88.09	970	4	3	WM	LV	
88.99	885	2	4			

SM

87.10	980	2	4	KW	LG	BA
88.09	970	4	3	WP	DD	LV
88.99	885	5	3			

SM WP

IONABLE-UNSATISFACTORY. 7 = UNSATISFACTORY-QUESTIONABLE, 8 = UNSATISFACTORY.

E. 9 = WEAK, 10 = VERY WEAK, 20 = SLIGHTLY DEAD, 30 = DEAD.
 GRAY, XXX.2 = DULL GRAY, XXX.1 = VERY GRAY.
 IRREGULAR, OPEN, XXX.09 = OPEN, XXX.10 = IRREGULAR, XXX.30 = SLIGHTLY OPEN, IRREGULAR.